Lumens™
Brilliance by Design

DC160
Document Camera

The industry's first portable document camera with SXGA resolution.

Lumens DC160 Document Camera
Infrared remote control included

Transform your teaching with the standard-setting DC160, the first portable SXGA document camera in the market with 3X optical zoom and automatic focus. Capturing 66 percent more detail compared to XGA presenters, the DC160 represents unquestionably the highest output and capture resolution with the lowest price point in portable document cameras today.

The DC160 offers impeccable image quality, out-of-the-box ease of use, and an unmatched price. And at a mere 4.85 lbs., you can move or transport it just about anywhere, single-handedly. Its small, 7 x 5 inch footprint means you don't have to set aside additional desk space, and its remote control puts its feature set at your fingertips for total flexibility.

SXGA Resolution: The DC160 represents the first SXGA portable document camera on the market. This means it has the highest output and capture resolution (1280 x 1024 pixels) of any portable document camera. It captures 66 percent more detail compared to (1024 x 768 pixels) XGA presenters in this class and does so at an appealing pricepoint.

3X Optical Zoom: The DC160 offers 3X optical zoom, the highest, true magnification rate for a portable document camera. Once a subject is zoomed in, the camera system brings the subject into sharp focus, automatically.

Split Screen: The DC160 is the first portable document camera to offer the split-screen feature. With it, you can concurrently present a previously captured image stored in the camera's internal memory (a blank worksheet for example) and a real-time image (the same worksheet with the answers being filled in on-screen) side-by-side.

Seamless Switch: When toggling from multiple sources (for instance teachers often like to display a real-time image from a document camera and compare that to a previously saved picture from a laptop) the DC160 offers instantaneous switchovers, meaning the audience won't see the disruptive default blue screen of a projector or monitor while the projector finds the input source. This helps hold audience attention.

Flexible Gooseneck Design: Allows the lens and lamp heads to independently rotate 360 degrees, capturing images at any angle. You can even point it toward a student to project his face onto a screen as he makes his presentation to the class.

5-Year, Bumper-to-Bumper Warranty: Lumens offers the most comprehensive warranty in the industry, covering all parts including lamps, for five years. We are able to offer this because Lumens has a less than 0.1 percent failure rate over the last five years. This translates to little-to-no post-purchase maintenance costs for schools purchasing the DC160.

Lumens DC160 Specifications

Key Features

True super extended graphics array (SXGA) output of 1280 x 1024
Light source is separate from camera head
Automatic focus
3x optical zoom, 6x mechanical zoom.
Image freeze
Image capture and internal storage up to 48 JPEG images
Easy slideshow capability from remote or software
Split screen/picture-by-picture
Active VGA pass-through
Composite video output
USB connection
PC and Mac compatible
Full screen software with control capability
5-year all-inclusive warranty on parts, labor, including lamp and gooseneck
Internal power supply
Kensington security slot and mounting screws

Optics

Fixed lens F3.6; f=5.0mm
Shooting area 330 x 250mm (max) 32 x 24mm (min)

Image

Capture device 1/3" CCD progressive scan
Effective pixels: 1280 (H) x 1024 (V)
Automatic focus
Frame rate: 15 frames per second
White balance: Auto
Exposure: Auto/Manual
Digital zoom: 16x
Image modes: Normal/Film/Gray/Microscope
Gamma: Photo/Text
Image flip: 180 degrees
Built-in storage: 48 images
RGB output: SXGA 69Hz/75Hz ,XGA 60Hz/75 Hz ; SVGA 60 Hz/75Hz selectable
Composite video output: NTSC/PAL selectable

Lighting

CCFL: Built-in; one cold cathode lamp (bulb life 20,000 hours)

Input

VGA in

Output

VGA: HD 15-pin female
DVI: DVI-I Digital & Analog Receptacle Connector
Composite Video: RCA jack
USB: Standard USB socket Type B
RS 232: D-SUB 9-Pin Male

Power

Power Source: 100-240 V AC
Consumption: 18 W

Dimensions

15.76 (L) x 5.53 (W) x 14.19 (H) inches
Weight: 4.85 lbs

Accessories

Power cable
RS232 adapter
DVI to VGA adapter
VGA cable
USB cable
Composite video cable
Remote control
User manual (CD)

Software

Remote control software View II (PC and MAC)
Full screen software SEE II Deluxe (PC and MAC)

Keypad Controls

Input/Output Ports

Microscope Adapter